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Subject: cannot assign disk space to the containers  
Posted by [safranero](#) on Fri, 10 Jun 2016 08:08:20 GMT  
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Hi,

I have a problem when I want set a disk space to the container. I don't understand but if I want set 100G disk space to the container I have not any problem, but if I want setting 600G cannot. The maxium disk space is 575G but in the conf of container shows 600G.

This occurs in all containers but in other quantity of disk space.

what is the problem?

Thank you.

The containers are in "/var/lib/vz". If I execute "df -h" shows the next:

```
Quote:/dev/mapper/pve-data    874G 545G 330G 63% /var/lib/vz
```

It's my versions:

```
Quote:proxmox-ve-2.6.32: 3.3-147 (running kernel: 2.6.32-37-pve)
pve-manager: 3.4-1 (running version: 3.4-1/3f2d890e)
pve-kernel-2.6.32-37-pve: 2.6.32-147
lvm2: 2.02.98-pve4
clvm: 2.02.98-pve4
corosync-pve: 1.4.7-1
openais-pve: 1.1.4-3
libqb0: 0.11.1-2
redhat-cluster-pve: 3.2.0-2
resource-agents-pve: 3.9.2-4
fence-agents-pve: 4.0.10-2
pve-cluster: 3.0-16
qemu-server: 3.3-20
pve-firmware: 1.1-3
libpve-common-perl: 3.0-24
libpve-access-control: 3.0-16
libpve-storage-perl: 3.0-31
pve-libspice-server1: 0.12.4-3
vncterm: 1.1-8
vzctl: 4.0-1pve6
vzprocps: 2.0.11-2
vzquota: 3.1-2
pve-qemu-kvm: 2.1-12
kvm-control-daemon: 1.1-1
glusterfs-client: 3.5.2-1
```

The conf file of container is:

Quote:# UBC parameters (in form of barrier:limit)

```
KMEMSIZE="unlimited"  
LOCKEDPAGES="unlimited"  
PRIVVMPAGES="unlimited"  
SHMPAGES="unlimited"  
NUMPROC="unlimited"  
PHYSPAGES="0:4194304"  
VMGUARPAGES="unlimited"  
OOMGUARPAGES="unlimited"  
NUMTCPSTOCK="unlimited"  
NUMFLOCK="unlimited"  
NUMPTY="unlimited"  
NUMSIGINFO="unlimited"  
TCPSNDBUF="unlimited"  
TCPRCVBUF="unlimited"  
OTHERSOCKBUF="unlimited"  
DGRAMRCVBUF="unlimited"  
NUMOTHERSOCK="unlimited"  
DCACHESIZE="unlimited"  
NUMFILE="unlimited"  
AVNUMPROC="unlimited"  
NUMIPTENT="unlimited"
```

# Disk quota parameters (in form of softlimit:hardlimit)

```
DISKSPACE="629145600:629145600"  
DISKINODES="5000000:5000000"  
QUOTATIME="0"
```

# CPU fair scheduler parameter

```
CPUUNITS="500"
```

```
VE_ROOT="/var/lib/vz/root/$VEID"  
VE_PRIVATE="/var/lib/vz/private/$VEID"  
OSTEMPLATE="centos-6.5-cpanel"  
ORIGIN_SAMPLE="vps.basic"  
SWAPPAGES="0"  
IP_ADDRESS="x.x.x.x x.x.x.x"  
HOSTNAME="hostname"  
DESCRIPTION="test"  
NAMESERVER="8.8.8.8"  
SEARCHDOMAIN="domain.net"  
CPULIMIT="800"  
CPUS="8"  
ONBOOT="yes"  
QUOTAUGIDLIMIT="500"
```

Subject: Re: cannot assign disk space to the containers  
Posted by [safranero](#) on Wed, 15 Jun 2016 06:39:22 GMT  
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nobody can help me?

Thanks!

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Subject: Re: cannot assign disk space to the containers  
Posted by [dowdle](#) on Tue, 12 Jul 2016 16:56:12 GMT  
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According to this page, there are limits but much higher than you reporting:

<https://openvz.org/Ploop/Limits>

I would try to see if I can duplicate your issue but my two OpenVZ host nodes have less free disk space than your problem figure... so I can't.

How much free space do you have on your /vz/ partition?

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